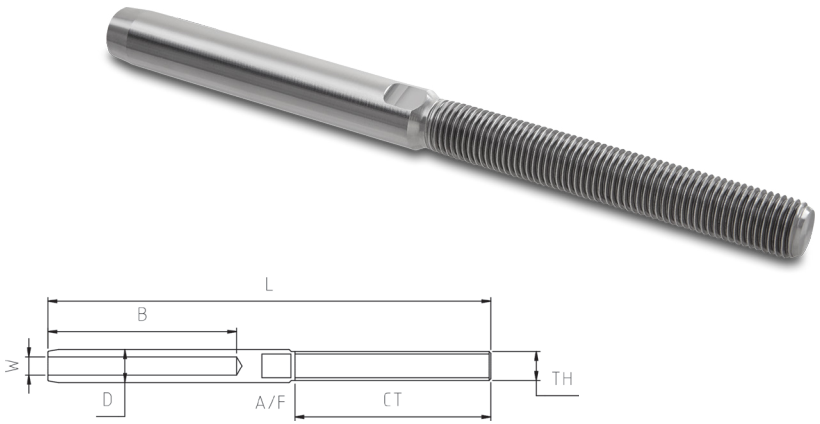
STRUCTURAL

Stainless-steel wire rope is the perfect solution for constructions in which both strength and appearance are of importance. Equally as important as the strength of stainless-steel wire rope, is how the wire rope is attached and tensioned. Norseman Gibb offers a wide range of terminals for wire rope. All of our structural products are produced using 316L grade stainless-steel and are machined from solid bar. This makes the material extremely strong, reliable and require low maintenance.

Stud swage terminal metric thread								
Product no.	W	TH	D	B	L	CT	A/F	Nominal weight
	mm		mm	mm	mm	mm	mm	g
NSSM3	3	M6	6,3	39	97	47	5	24
NSSM4S	4	M6	7,5	45	105	47	6	33
NSSM4M	4	M8	7,5	45	113	54	6	36
NSSM5S	5	M8	9,1	52	122	54	8	54
NSSM5M	5	M10	9,1	52	135	68	8	60
NSSM6S	6	M10	12,5	64	154	75	11	108
NSSM6M	6	M12	12,5	64	170	90	11	119
NSSM7	7	M12	14,3	70	177	90	12	162
NSSM8S	8	M12	16,0	80	190	90	14	196
NSSM8M	8	M16	16,0	80	201	100	14	260
NSSM10	10	M16	18,0	100	223	100	16	306
NSSM12	12	M20	21,4	132	277	120	19	550
NSSM14	14	M22	25,0	156	325	140	22	874
NSSM16	16	M27	28,2	176	371	160	25	1275
Product numbers are for RH thread. For LH thread add L to the product number (NSSM3L).								

Stud swage terminal imperial thread								
Product no.	W	TH	D	B	L	CT	A/F	Nominal weight
	mm	UNF	mm	mm	mm	mm	mm	g
NSSI3	3	1/4"	6,3	39	97	47	5	24
NSSI4M	4	5/16"	7,5	45	113	54	6	36
NSSI5S	5	5/16"	9,1	52	123	54	6	51
NSSI5M	5	3/8"	9,1	52	135	68	8	60
NSSI6S	6	3/8"	12,5	64	149	68	8	85
NSSI6M	6	7/16"	12,5	64	154	75	11	108
NSSI7	7	7/16"	14,3	70	161	75	11	130
NSSI8	8	1/2"	16,0	80	190	90	14	196
NSSI10	10	5/8"	18,0	100	223	100	16	306
NSSI12	12	3/4"	21,4	132	277	120	19	550
NSSI14	14	7/8"	25,0	156	325	140	22	874
NSSI16	16	1"	28,2	176	369	160	25	1275
NSSI19	19	1 1/8"	34,5	210	425	180	28	2050
NSSI22	22	1 1/4"	40,3	242	482	200	32	3200
NSSI26	26	1 3/8"	45,9	290	557	220	36	4000
Product numbers are for RH thread. For LH thread add L to the product number (NSSI3L).								

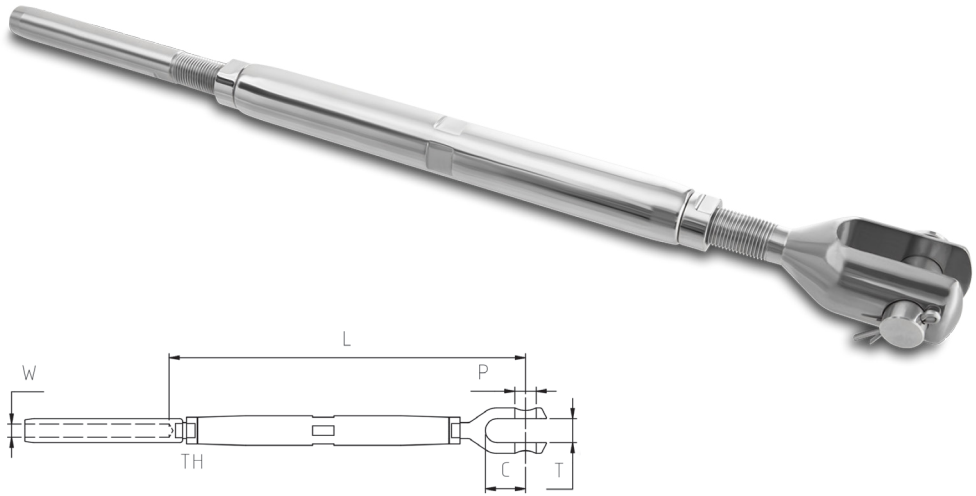


Studs

Studs are attached to the end of the stainless-steel wire, in order for it to be fastened to, for example, a balustrade. There are different ways to tension wire with a stud. For the first solution, the stud on the one side will be given a right-hand thread, while the stud on the other side is given a left-hand thread. This means that the wire only has to be turned in one direction for both threads to screw tight. The other way of tensioning is by simply using locking nuts on the thread of the studs.

Rigging screw closed body with stud and fork

Product no.	W	TH	P	C	T	MIN L	MAX L	Nominal weight
	mm	unf	mm	mm	mm	mm	mm	g
NRSFS3	3	1/4"	6	12,5	6,2	125	195	79
NRSFS4S	4	1/4"	6	12,5	6,2	126	196	80
NRSFS4M	4	5/16"	8	17	7,9	150,5	228,5	151
NRSFS4L	4	3/8"	9,5	19	9,9	184	284	152
NRSFS5S	5	5/16"	8	17	7,9	153,5	231,5	153
NRSFS5M	5	3/8"	9,5	19	9,9	184	284	257
NRSFS5L	5	7/16"	11	22	10,9	200	308	260
NRSFS6S	6	3/8"	9,5	19	9,9	187	287	261
NRSFS6M	6	7/16"	11	22	10,9	202	310	386
NRSFS6L	6	1/2"	12	25	12,7	236	368	450
NRSFS7	7	1/2"	12	25	12,7	236	368	591
NRSFS8S	8	1/2"	12	25	12,7	239	371	625
NRSFS8M	8	5/8"	14	28	14,0	300	455	1185
NRSFS8L	8	5/8"	16	32	15,8	310	466	1185
NRSFS10S	10	5/8"	16	32	15,8	312	468	1340
NRSFS10M	10	3/4"	19	38	17,8	359,5	530	1950
NRSFS12	12	3/4"	19	38	17,8	361	532	2218
NRSFS14	14	7/8"	22	45	22,0	403	600	3376
NRSFS16	16	1"	25	50	25,0	472	711	4925
NRSFS19	19	1 1/8"	28	58	28,2	531	801	5318
NRSFS22	22	1 1/4"	32	64	31,8	575	859	7711
NRSFS26	26	1 3/8"	35	70	34,9	655	979	14085

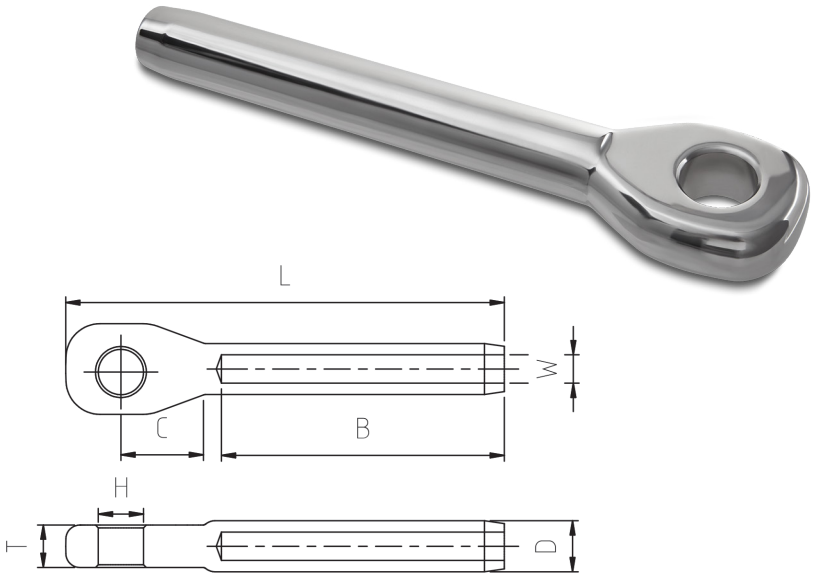


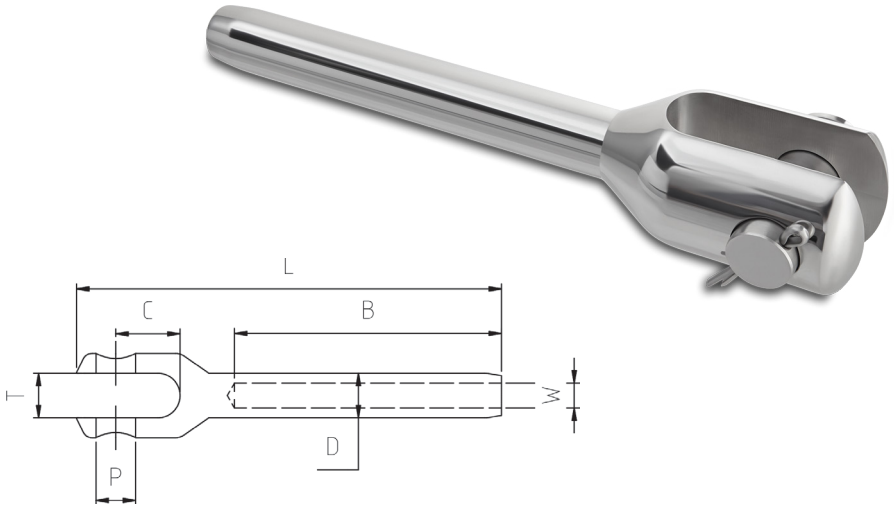
Tensioner

Another way of tensioning stainless-steel wire is by using a tensioner. This works by screwing a stud with attached wire into a turnbuckle, so that the wire reaches the right tension.

Fork swage terminal

Product no.	W	P	D	C	T	B	L	Nominal weight
	mm	mm	mm	mm	mm	mm	mm	g
NFS3	3	6	6,3	12,5	6,2	39	70,0	20
NFS4	4	8	7,5	17	7,9	45	83,0	36
NFS5	5	9,5	9,1	19	9,9	52	97,0	64
NFS6	6	11	12,5	22	10,9	64	113,0	142
NFS7	7	12	14,3	25	12,7	70	128,0	172
NFS8S	8	12	16,0	25	12,7	80	140,0	196
NFS8M	8	14	16,0	28	13,8	80	144,5	278
NFS10	10	16	18,0	32	15,8	100	174,0	376
NFS12	12	19	21,4	38	17,8	132	227,0	1097
NFS14	14	22	25,0	45	22,0	156	258,0	1105
NFS16	16	25	28,2	50	25,0	176	295,5	1683
NFS19	19	28	34,5	58	28,2	210	342,0	2580
NFS22	22	32	40,3	64	31,8	242	391,0	3611
NFS26	26	35	45,9	70	34,8	290	451,5	5019



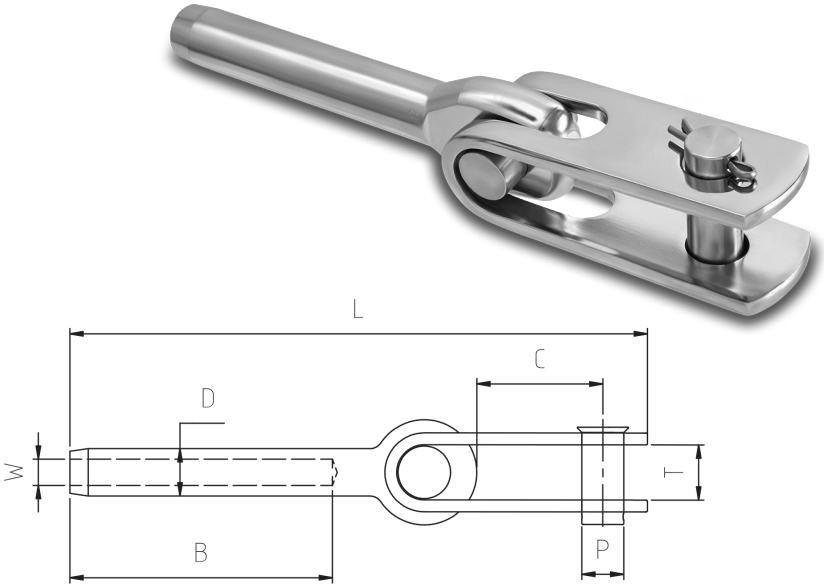


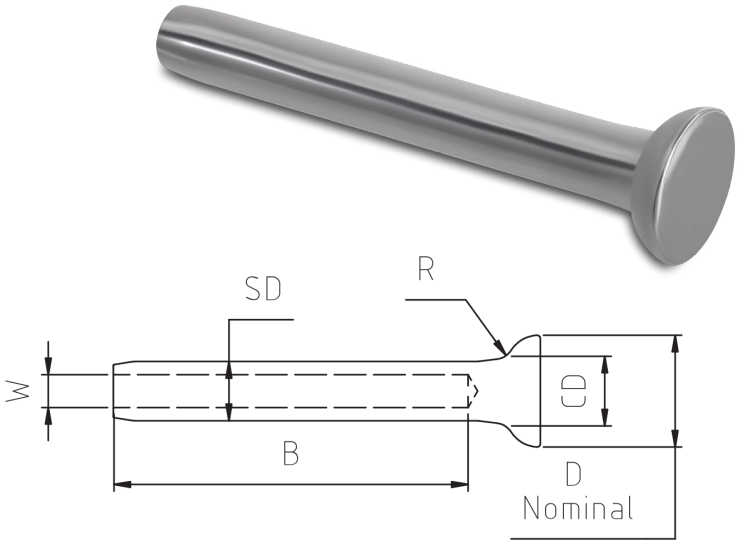
Eye swage terminal

Product no.	W	H	B	D	C	T	L	Nominal weight
	mm	mm	mm	mm	mm	mm	mm	g
NES4	4	6,35	45	7,5	14	6,5	72	23
NES5	5	8,00	52	9,1	17	7,8	85	42
NES6S	6	9,53	64	12,5	20	9,5	103	100
NES6M	6	11,10	64	12,5	23	11,5	110	109
NES7	7	12,70	70	14,3	23	11,5	114	129
NES8S	8	12,70	80	16,0	23	11,5	123	152
NES8M	8	14,28	80	16,0	24	13,5	130	178
NES8L	8	16,00	80	16,0	29	15,0	134	202
NES10	10	16,00	100	18,0	29	15,0	155	245
NES12	12	19,05	132	21,4	34	17,5	197	462
NES14	14	22,20	156	25,0	40	21,5	235	721
NES16	16	25,40	176	28,2	46	23,5	264	1090
NES19	19	28,60	210	34,5	51	27,5	308	1780
NES22	22	32,00	242	40,3	58	31,0	356	2704
NES26	26	35,00	290	45,9	63	33,5	414	3855

Toggle fork swage terminal

Product no.	W	P	D	C	T	B	L	Nominal weight
	mm	mm	mm	mm	mm	mm	mm	g
NTFS3	3	6	6,3	14	8	39	84	25
NTFS4	4	8	7,5	18	9	45	103	45
NTFS5	5	9,5	9,1	21	11	52	111	89
NTFS6	6	11	12,5	25	13	64	146	230
NTFS7	7	12,7	14,3	27	15	70	168	271
NTFS8S	8	12,7	16,0	27	15	80	169	295
NTFS8M	8	16	18,0	36	19	100	212	569
NTFS10	10	16	18,0	36	19	100	212	569
NTFS12	12	19	21,4	45	22	132	278	1409
NTFS14	14	22	25,0	53	25	156	328	1912
NTFS16	16	25	28,2	62	28	176	364	2516
NTFS19	19	28	34,5	63	32	210	430	4147
NTFS22	22	32	40,3	76	35	242	496	6039
NTFS26	26	35	45,9	92	38	290	571	8428





Stemball swage terminal

Product no.	W	D	B	R	SD	CD
	mm	mm	mm	mm	mm	mm
NSS3	3	12,5	39	6,4	6,3	6,8
NSS4	4	17	45	8,9	7,5	8,0
NSS5S	5	17	52	8,9	9,1	9,7
NSS5M	5	21	52	10,9	9,1	9,7
NSS6	6	21	64	10,9	12,5	13,4
NSS7S	7	21	70	10,9	14,3	15,3
NSS7M	7	27	70	13,9	14,3	15,3
NSS8	8	27	80	13,9	16,1	17,3
NSS10	10	31	100	15,8	17,8	19,1
NSS12	12	35	132	17,8	21,4	23,0